

10/509609

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**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

**Claim 1 (Currently amended):** Device at medullary nails for fixation of bone fragments at bone fractures,

wherein a medullary nail (5) is insertable into holes (6) in medullary canals in the bone fragments (3, 4), and

wherein front parts (5b) of the medullary nail (5) can be locked to one of the bone fragments (3, 4) by means of a locking means (9) which is transversely located in the bone fragment and extends through a transverse hole (10) in said front parts (5b) of the medullary nail (5),

characterized in ~~characterized in~~

that the front parts (5b) of the medullary nail (5) includes a snap-in device (11) which is designed to be threaded onto the locking means (9) and thereby opened by the locking means (9) and to be snapped-in again to a closed condition (figure 4) when the locking means (9) is located in the transverse hole (10) in the front parts (5b) of the medullary nail (5) such that the snap-in device (11) retains the medullary nail (5) at the locking means (9).

**Claim 2 (Currently amended):** Device according to claim 1, characterized ~~in characterized in~~ that the snap-in device (11) is designed to retain the medullary nail (5) in a firm grip at the locking means (9).

**Claim 3 (Currently amended):** Device according to claim 2, characterized  
~~in characterized in~~ that the snap-in device (11) is designed to retain the  
medullary nail (5) at the locking means (9) such that the medullary nail (5) can move  
neither substantially in axial direction relative to the longitudinal axis thereof nor  
rotate in relation thereto.

**Claim 4 (Currently amended):** Device according to claim 1, characterized  
~~in any preceding claim, characterized in~~ that the snap-in device (11) is  
designed such that the medullary nail (5) can not loosen or being pulled off from the  
locking means (9).

**Claim 5 (Currently amended):** Device according to claim 1, characterized  
~~in any preceding claim, characterized in~~ that the snap-in device (11) has two  
jaws (12, 13) which are provided such that the locking means (9), when the  
medullary nail (5) is moved in a direction (F) in parallel with its longitudinal axis (L)  
towards said locking means (9), is located between said jaws (12, 13), eventually  
after rotation of the medullary nail (5) about said longitudinal axis (L) if necessary.

**Claim 6 (Currently amended):** Device according to claim 1, characterized  
~~in any preceding claim, characterized in~~  
that the snap-in device (11) has two jaws (12, 13) defining a gap (14) of  
which inner parts (14a) are open towards the transverse hole (10) in the front  
parts (5b) of the medullary nail (5),

that the inner parts (14a) of the gap (14) have a less width than the diameter of the transverse hole (10) and a less width than the width or diameter of the locking means (9),

that the jaws (12, 13) are elastic such that the locking means (9) brings said jaws to spring apart when the snap-in device (11) is threaded onto said locking means, and

that the jaws (12, 13) due to their elasticity can spring back to their original positions when the snap-in device (11) has been threaded so far onto the locking means (9) that said locking means (9) is situated in the transverse hole (10), whereby the snap-in device (11) retains the medullary nail (5) on the locking means (9).

**Claim 7 (Currently amended):** Device according to claim 6, characterized ~~in characterized in~~ that the jaws (12, 13) are provided such that the gap (14) tapers in a direction towards its parts (14a) and to the transverse hole (10).

**Claim 8 (Currently amended):** Device according to claim 6, characterized ~~in any of claims 6 or 7, characterized in~~ that the jaws (12, 13) are provided such that outer parts (14b) of the gap (14) are wider than the locking means (9).

**Claim 9 (Currently amended):** Device according to claim 6, characterized ~~in any of claims 6-8, characterized in~~

that the jaws (12, 13) have a substantially greater length (L1) than sides (10a, 10b) of the hole (10) closest to the gap (14) seen in the longitudinal direction of the medullary nail (5), and/or

that inner sides of the jaws (12, 13) define or form smaller angles with a geometric longitudinal axis (L) of the medullary nail (5) than front portions of sides (10a, 10b) of the hole (10) closest to the gap (14).

**Claim 10 (Currently amended):** Device according to claim 6, characterized ~~in any of claims 6-9, characterized in~~ that the jaws (12, 13) have bevelled outer edge portions (12a, 13a).

**Claim 11 (Currently amended):** Device according to claim 1, characterized ~~in any preceding claim, characterized in~~ that the locking means (9) is a locking screw which is screwed into a bone fragment (4) and which can be removed or extracted from the transverse hole (10) in the front parts (5b) of the medullary nail (5) by being unscrewed or backed out of the bone fragment (4).

**Claim 12 (Currently amended):** Device according to claim 1, characterized ~~in any preceding claim, characterized in~~

that the front parts (5b) of the medullary nail (5) has a second transverse hole (15) behind said first transverse hole (10), and

that the transverse locking means (9) has a hole (16) or another attaching member for attachment of a fixture thereto, said fixture being adapted to guide a drill for drilling a second hole in a lower bone fragment (4) for a second transverse locking means which is adapted to extend through the second transverse hole (15) of the medullary nail (5).

**Claim 13 (Currently amended):** Device according to claim 1, characterized  
in any preceding claim, characterized in that said device is adapted to be  
used at medullary nails (5) for forearm bones, e.g. ulna.